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AND

voice or speech

AND

maintain or mainten or adding or adds or added

AND

**Date of publication of application** -- e.g. 19980401 - 19980405 - 

AND

**IPC** -- e.g. D01B7/04 A01C11/02

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No.	Publication No.	Title
1.	<u>2002 - 366552</u>	METHOD AND SYSTEM FOR SEARCHING RECORDED SPEECH AND RETRIEVING RELEVANT SEGMENT
2.	<u>2002 - 365070</u>	NAVIGATION APPARATUS
3.	<u>2002 - 357444</u>	NAVIGATION SYSTEM USING MOBILE TERMINAL
4.	<u>2002 - 350163</u>	NAVIGATION DEVICE
5.	<u>2002 - 350159</u>	CAR NAVIGATION SYSTEM OF FAR-END OPERATION PATH
6.	<u>2002 - 350158</u>	NAVIGATION DEVICE AND PROGRAM THEREOF
7.	<u>2002 - 341758</u>	NAVIGATION DEVICE
8.	<u>2002 - 340601</u>	NAVIGATION DEVICE AND PROGRAM THEREFOR
9.	<u>2002 - 340580</u>	INFORMATION RECORDER
10.	<u>2002 - 340567</u>	SYSTEM AND METHOD FOR NAVIGATION, INFORMATION RECORDING MEDIUM WITH RECORDED PROGRAM FOR NAVIGATION, AND THE PROGRAM FOR NAVIGATION
11.	<u>2002 - 330158</u>	AAL2 TRANSMITTER FOR VOICE-PACKETS AND SIGNALING MANAGEMENT-PACKETS INTERLEAVING ON ATM CONNECTION
12.	<u>2002 - 328025</u>	TWIN CAR NAVIGATION SYSTEM
13.	<u>2002 - 318136</u>	SPACE CONSTRUCTION WORD LIST FOR AUTOMATIC VOICE RECOGNITION PROGRAM AND ITS FORMING METHOD
14.	<u>2002 - 318129</u>	NAVIGATION SYSTEM AND NAVIGATION APPARATUS USED FOR SAME
15.	<u>2002 - 310705</u>	MAP DISPLAY UNIT AND INTERSECTION POINT GUIDE DEVICE
16.	<u>2002 - 310704</u>	MOVING BODY NAVIGATION SYSTEM AND METHOD THEREFOR

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17.	<u>2002 - 310699</u>	MOBILE NAVIGATION DEVICE AND MOBILE NAVIGATION METHOD
18.	<u>2002 - 310680</u>	TRAFFIC SAFETY INFORMATION PROVIDING METHOD AND PROGRAM FOR PROVIDING TRAFFIC SAFETY INFORMATION
19.	<u>2002 - 310676</u>	CAR NAVIGATION APPARATUS
20.	<u>2002 - 303532</u>	MOVEMENT SUPPORT DEVICE FOR VISUALLY HANDICAPPED PERSON
21.	<u>2002 - 303530</u>	NAVIGATION DEVICE
22.	<u>2002 - 300100</u>	ANALYSIS SUPPORT DEVICE FOR SPEECH QUALITY
23.	<u>2002 - 290537</u>	RADIO COMMUNICATIONS EQUIPMENT
24.	<u>2002 - 277271</u>	NAVIGATION APPARATUS
25.	<u>2002 - 269608</u>	ON-VEHICLE DEVICE OF AUTOMATIC TOLL COLLECTION DEVICE
26.	<u>2002 - 267483</u>	LEADING SYSTEM FOR BLIND PERSON
27.	<u>2002 - 267471</u>	ON-VEHICLE NAVIGATION SYSTEM
28.	<u>2002 - 260190</u>	SAFE OPERATION SUPPORT SYSTEM
29.	<u>2002 - 257581</u>	PORTABLE GUIDANCE DEVICE
30.	<u>2002 - 257568</u>	INFORMATION REPRODUCING METHOD WITH SMELL AND DEVICE THEREFOR
31.	<u>2002 - 257561</u>	TRAFFIC CONGESTION INFORMATION PROVIDING DEVICE
32.	<u>2002 - 250632</u>	RUNNING GUIDING DEVICE
33.	<u>2002 - 247203</u>	GUIDE INFORMATION PROVIDING SYSTEM, STATIONARY TERMINAL AND MOBILE TERMINAL FOR THE SYSTEM, PROGRAM FOR GUIDE CENTER AND RECORDING MEDIUM WITH PROGRAM RECORDED THEREON
34.	<u>2002 - 245580</u>	EMERGENCY DISPATCH COMMAND SYSTEM AND MAP RETRIEVING METHOD
35.	<u>2002 - 243455</u>	VEHICLE PARKING VIOLATION DETERRING APPARATUS

<http://www1.ipdl.jpo.go.jp/PA1/result/list/main/wAAa03939P1-50ID4375.htm>

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- 36. 2002 - 233663 GAME SYSTEM
- 37. 2002 - 228460 NAVIGATION APPARATUS
- 38. 2002 - 228457 CAR NAVIGATION APPARATUS
- 39. 2002 - 221433 NAVIGATION SYSTEM, METHOD FOR CONTROLLING THE SAME, SERVICE CENTER, MOBILE TERMINAL, PROGRAM AND RECORDING MEDIUM
- 40. 2002 - 213981 NAVIGATION METHOD, AND ROUTE PROVIDING DEVICE, ROUTE GUIDING DEVICE, AND SYSTEM FOR THE SAME
- 41. 2002 - 213972 NAVIGATION DEVICE
- 42. 2002 - 213971 NAVIGATION DEVICE
- 43. 2002 - 206929 NAVIGATION SYSTEM FOR VEHICLE
- 44. 2002 - 201838 VEHICLE ELECTRONIC KEY DEVICE AND STORAGE MEDIUM
- 45. 2002 - 197351 INFORMATION PROVIDING SYSTEM AND METHOD AND RECORDING MEDIUM FOR RECORDING INFORMATION PROVIDING PROGRAM
- 46. 2002 - 196779 METHOD AND APPARATUS FOR CHANGING MUSICAL SOUND OF SOUND SIGNAL
- 47. 2002 - 183160 SYSTEM AND METHOD FOR PROVIDING INFORMATION AND RECORDING MEDIUM WITH RECORDED INFORMATION PROVIDING PROGRAM
- 48. 2002 - 181579 VEHICLE-MOUNTED NAVIGATION SYSTEM
- 49. 2002 - 181565 PORTABLE TERMINAL
- 50. 2002 - 177650 SYSTEM AND DEVICE FOR ELECTRONIC GAME AND RECORDING MEDIUM

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No.	Publication No.	Title
51.	<u>2002 - 174526</u>	ONBOARD DISPLAY DEVICE
52.	<u>2002 - 168645</u>	NAVIGATION APPARATUS, AND COMMUNICATION BASE STATION AND SYSTEM AND METHOD FOR NAVIGATION USING THEM
53.	<u>2002 - 162245</u>	NAVIGATION SYSTEM
54.	<u>2002 - 157684</u>	ON-VEHICLE DISPLAY DEVICE
55.	<u>2002 - 148070</u>	LOCATION GUIDING SYSTEM, ADVERTISING SYSTEM, SPEECH DATA REGISTERING TERMINAL, LOCATION GUIDING TERMINAL, AND STORING MEDIUM
56.	<u>2002 - 148061</u>	INFORMATION TERMINAL, SYSTEM AND METHOD FOR WEATHER FORECAST INFORMATION SERVICE, AND CAR NAVIGATION SYSTEM WITH WEATHER INFORMATION
57.	<u>2002 - 139335</u>	NAVIGATION DEVICE
58.	<u>2002 - 131072</u>	POSITION GUIDE SYSTEM, POSITION GUIDE SIMULATION SYSTEM, NAVIGATION SYSTEM AND POSITION GUIDE METHOD
59.	<u>2002 - 117485</u>	EMERGENCY VEHICLE REPORT SYSTEM
60.	<u>2002 - 108391</u>	SPEECH INPUT DEVICE
61.	<u>2002 - 081957</u>	NAVIGATION SYSTEM FOR WALKER, PORTABLE NAVIGATION DEVICE AND NAVIGATION SERVER
62.	<u>2002 - 071372</u>	NAVIGATION DEVICE
63.	<u>2002 - 071371</u>	NAVIGATOR
64.	<u>2002 - 071356</u>	CAR NAVIGATION DEVICE
65.	<u>2002 - 063675</u>	COMMUNICATION SUPPORT SYSTEM AND INFORMATION STATION FOR PATROL MONITOR
66.	<u>2002 - 049993</u>	AURAL GUIDE FUNCTION EVALUATION SYSTEM FOR CAR NAVIGATION DEVICE

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67.	<u>2002 - 048580</u>	NAVIGATION DEVICE
68.	<u>2002 - 048572</u>	POSITION DETECTING SYSTEM AND NAVIGATION SYSTEM
69.	<u>2002 - 039780</u>	GUIDANCE APPARATUS
70.	<u>2002 - 039779</u>	NAVIGATION SYSTEM
71.	<u>2002 - 024985</u>	GUIDE DEVICE FOR THE BLIND
72.	<u>2001 - 349741</u>	ON-VEHICLE CAR NAVIGATION SYSTEM
73.	<u>2001 - 344688</u>	VISUALLY HANDICAPPED PERSON HELPING SYSTEM
74.	<u>2001 - 336944</u>	NAVIGATION DEVICE
75.	<u>2001 - 331893</u>	TRAFFIC VIOLATION WARNING AND STORING DEVICE
76.	<u>2001 - 331249</u>	MULTI-DISPLAY SYSTEM
77.	<u>2001 - 326990</u>	ACOUSTIC SIGNAL PROCESSOR AND ITS PROCESSING METHOD
78.	<u>2001 - 324348</u>	CAR NAVIGATION DEVICE
79.	<u>2001 - 324345</u>	NAVIGATION DEVICE AND ITS ROUTE GUIDING METHOD
80.	<u>2001 - 317956</u>	NAVIGATION APPARATUS AND RECORDING MEDIUM
81.	<u>2001 - 309071</u>	INFORMATION COMMUNICATION METHOD, INFORMATION COMMUNICATION EQUIPMENT AND COMPUTER-READABLE STORAGE MEDIUM
82.	<u>2001 - 306012</u>	INFORMATION DISPLAY DEVICE
83.	<u>2001 - 304900</u>	METHOD AND DEVICE FOR NAVIGATION
84.	<u>2001 - 296137</u>	PORTABLE MAP DISPLAY DEVICE
85.	<u>2001 - 290927</u>	LABOR MANAGEMENT SYSTEM
86.	<u>2001 - 289660</u>	NAVIGATOR
87.	<u>2001 - 289649</u>	NAVIGATION SYSTEM

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88. 2001 - 283365 MEASURING INSTRUMENT MANAGEMENT DEVICE AND ITS SYSTEM
89. 2001 - 272246 ROAD TRAFFIC INFORMATION NOTIFICATION APPARATUS
90. 2001 - 272237 NAVIGATION DEVICE
91. 2001 - 264096 NAVIGATION SYSTEM
92. 2001 - 264085 CONTROL METHOD FOR NAVIGATION SYSTEM
93. 2001 - 255167 NAVIGATION SYSTEM
94. 2001 - 227976 NAVIGATION DEVICE
95. 2001 - 216599 COLLISION PREVENTING DEVICE
96. 2001 - 216129 COMMAND INPUT DEVICE
97. 2001 - 215994 VOICE RECOGNITION ADDRESS RETRIEVING DEVICE AND ON- VEHICLE NAVIGATION SYSTEM
98. 2001 - 202009 NAVIGATION SYSTEM
99. 2001 - 201354 ON-VEHICLE NAVIGATION DEVICE
100. 2001 - 197329 DIGITAL TELEVISION SYSTEM AND CAR NAVIGATION SYSTEM

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build or maintain

AND

voice or speech

AND

direct or locat or position or navigat or map

AND

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No.	Publication No.	Title
601.	<u>02 - 184127(1990)</u>	MAP INFORMATION SERVICE SYSTEM
602.	<u>02 - 171039(1990)</u>	SPEECH CHANNEL CHANGEOVER DEVICE
603.	<u>02 - 114117(1990)</u>	VEHICLE GUIDE
604.	<u>02 - 105697(1990)</u>	SPEECH PATH MANAGING SYSTEM
605.	<u>02 - 046061(1990)</u>	REMOTE INFORMATION GUIDING SYSTEM
606.	<u>02 - 027218(1990)</u>	DISTANCE ERRORS CORRECTION FOR NAVIGATION APPARATUS
607.	<u>02 - 006714(1990)</u>	NAVIGATION SYSTEM FOR VEHICLE
608.	<u>01 - 312769(1989)</u>	STILL VIDEO CAMERA
609.	<u>01 - 312768(1989)</u>	STILL VIDEO CAMERA
610.	<u>01 - 296753(1989)</u>	AMP INFORMATION SERVICE SYSTEM
611.	<u>01 - 251300(1989)</u>	METHOD AND DEVICE FOR SEARCHING MOVING ROUTE
612.	<u>01 - 213037(1989)</u>	VOICE DECODER
613.	<u>01 - 188986(1989)</u>	DATA MAPPING INPUT DEVICE FOR IMAGE DATA
614.	<u>01 - 179282(1989)</u>	DIGITAL RECORDING SYSTEM FOR VOICE SIGNAL
615.	<u>01 - 173822(1989)</u>	GUIDE SYSTEM AT DESTINATION BY NAVIGATION DEVICE FOR VEHICLE
616.	<u>01 - 173815(1989)</u>	NAVIGATION DEVICE FOR VEHICLE WITH OFF-COURSE GUIDE MEANS
617.	<u>01 - 169316(1989)</u>	MOVING BODY TRACKING APPARATUS
618.	<u>01 - 156619(1989)</u>	NAVIGATION DEVICE FOR TRAVELING OBJECT
619.	<u>01 - 141314(1989)</u>	ON-VEHICLE NAVIGATOR DEVICE
620.	<u>01 - 114713(1989)</u>	NAVIGATION SYSTEM

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621.	<u>64 - 088112(1989)</u>	VEHICLE GUIDING DEVICE
622.	<u>64 - 075911(1989)</u>	VOICE NAVIGATION APPARATUS
623.	<u>64 - 043861(1989)</u>	OPTIONAL DEVICE FOR COMPACT DISK PLAYER
624.	<u>64 - 031016(1989)</u>	NAVIGATION SYSTEM
625.	<u>64 - 016917(1989)</u>	COURSE GUIDANCE SYSTEM FOR NAVIGATION SYSTEM
626.	<u>64 - 016915(1989)</u>	INTERSECTION INFORMATION OUTPUT SYSTEM FOR NAVIGATION SYSTEM
627.	<u>63 - 281013(1988)</u>	ON-VEHICLE NAVIGATOR
628.	<u>63 - 259412(1988)</u>	NAVIGATION SYSTEM PERFORMING GUIDANCE BY VOICE
629.	<u>63 - 163210(1988)</u>	AUTOMOBILE NAVIGATION SYSTEM
630.	<u>63 - 083865(1988)</u>	AUTOMATIC CASH HANDLING DEVICE
631.	<u>62 - 142216(1987)</u>	TRAVEL GUIDE FOR VEHICLE
632.	<u>62 - 108111(1987)</u>	RUN SUPPORTING SYSTEM
633.	<u>61 - 293086(1986)</u>	REPRODUCTION SYSTEM FOR VIDEO SIGNAL AND VOICE INFORMATION SIGNAL
634.	<u>61 - 198016(1986)</u>	VEHICLE RUNNING GUIDANCE DEVICE
635.	<u>61 - 096407(1986)</u>	VEHICLE LOCATION INFORMATION DISPLAY DEVICE
636.	<u>61 - 075212(1986)</u>	GUIDANCE APPARATUS FOR VEHICLE RUNNING
637.	<u>60 - 252217(1985)</u>	NAVIGATION SYSTEM WITH ADVANCE DIRECTION INDICATING FUNCTION
638.	<u>60 - 218022(1985)</u>	NAVIGATION SYSTEM
639.	<u>60 - 202307(1985)</u>	NAVIGATION SYSTEM HAVING ADVANCE INSTRUCTING FUNCTION
640.	<u>60 - 174564(1985)</u>	GUIDE DEVICE OF HOTEL OR THE LIKE
641.	<u>60 - 146327(1985)</u>	COMPUTER CONVERSATION METHOD
642.	<u>60 - 040909(1985)</u>	RUNNING COURSE GUIDING APPARATUS

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- 643. 59 - 075113(1984) ON-VEHICLE NAVIGATOR
- 644. 58 - 070128(1983) DISPLAYING METHOD FOR INFORMATION ON TRAVELING ON ROAD
- 645. 58 - 070117(1983) TRAVELING GUIDE DEVICE
- 646. 57 - 006313(1982) DISPLAY DEVICE OF OVERALL COLOR WAKE
- 647. 56 - 105536(1981) IMAGE INFORMATION INPUT DEVICE
- 648. 54 - 158626(1979) VOICE COIL TYPE LINEAR MOTOR

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1.	<u>2002 - 372990</u>	VOICE RECOGNITION DEVICE
2.	<u>2002 - 372986</u>	VOICE RECOGNIZING DEVICE AND NAVIGATION SYSTEM
3.	<u>2002 - 366552</u>	METHOD AND SYSTEM FOR SEARCHING RECORDED SPEECH AND RETRIEVING RELEVANT SEGMENT
4.	<u>2002 - 358094</u>	VOICE RECOGNITION SYSTEM
5.	<u>2002 - 350163</u>	NAVIGATION DEVICE
6.	<u>2002 - 350158</u>	NAVIGATION DEVICE AND PROGRAM THEREOF
7.	<u>2002 - 350151</u>	NAVIGATION DEVICE
8.	<u>2002 - 350146</u>	NAVIGATION DEVICE
9.	<u>2002 - 340601</u>	NAVIGATION DEVICE AND PROGRAM THEREFOR
10.	<u>2002 - 330365</u>	PERSONAL INTERACTIVE TYPE NAVIGATION SYSTEM
11.	<u>2002 - 318136</u>	SPACE CONSTRUCTION WORD LIST FOR AUTOMATIC VOICE RECOGNITION PROGRAM AND ITS FORMING METHOD
12.	<u>2002 - 318132</u>	VOICE DIALOGUE TYPE NAVIGATION SYSTEM, MOBILE TERMINAL DEVICE AND VOICE DIALOGUE SERVER
13.	<u>2002 - 268668</u>	NAVIGATION DEVICE
14.	<u>2002 - 267472</u>	NAVIGATION SYSTEM AND METHOD AND PROGRAM FOR SEARCHING GUIDING ROUTE
15.	<u>2002 - 267471</u>	ON-VEHICLE NAVIGATION SYSTEM
16.	<u>2002 - 257692</u>	APPARATUS FOR DIAGNOSING VEHICLE, DIAGNOSIS PROCESSING PROGRAM AND RECORDING MEDIUM FOR DIAGNOSIS PROCESSING PROCEDURE

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17.	<u>2002 - 257574</u>	ONBOARD INFORMATION DEVICE
18.	<u>2002 - 221987</u>	METHOD AND DEVICE FOR VOICE RECOGNITION AND NAVIGATION DEVICE
19.	<u>2002 - 213971</u>	NAVIGATION DEVICE
20.	<u>2002 - 197351</u>	INFORMATION PROVIDING SYSTEM AND METHOD AND RECORDING MEDIUM FOR RECORDING INFORMATION PROVIDING PROGRAM
21.	<u>2002 - 183160</u>	SYSTEM AND METHOD FOR PROVIDING INFORMATION AND RECORDING MEDIUM WITH RECORDED INFORMATION PROVIDING PROGRAM
22.	<u>2002 - 182683</u>	SPEAKER CHARACTERISTIC ESTIMATION SYSTEM, SPEAKER CHARACTERISTIC ESTIMATION METHOD, CLUSTER MODEL FORMER, SPEECH RECOGNIZER, SPEECH SYNTHESIZER AND PROGRAM RECORDING MEDIUM
23.	<u>2002 - 182680</u>	OPERATION INDICATION DEVICE
24.	<u>2002 - 181579</u>	VEHICLE-MOUNTED NAVIGATION SYSTEM
25.	<u>2002 - 174526</u>	ONBOARD DISPLAY DEVICE
26.	<u>2002 - 171293</u>	IP GATEWAY DEVICE
27.	<u>2002 - 169584</u>	VOICE OPERATION SYSTEM
28.	<u>2002 - 168643</u>	METHOD AND APPARATUS FOR VOICE-RECOGNITION NAVIGATION RETRIEVAL
29.	<u>2002 - 163478</u>	HOME DELIVERY SERVICE SYSTEM
30.	<u>2002 - 157684</u>	ON-VEHICLE DISPLAY DEVICE
31.	<u>2002 - 132286</u>	SPEECH RECOGNITION METHOD
32.	<u>2002 - 108391</u>	SPEECH INPUT DEVICE
33.	<u>2002 - 108389</u>	METHOD AND DEVICE FOR RETRIEVING AND EXTRACTING INDIVIDUAL'S NAME BY SPEECH, AND ON-VEHICLE NAVIGATION DEVICE
34.	<u>2002 - 108386</u>	SPEECH RECOGNITION METHOD AND SYSTEM, AND ON-VEHICLE NAVIGATION DEVICE

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- 35. 2002 - 107167 NAVIGATOR
- 36. 2002 - 091488 ON-VEHICLE NAVIGATION DEVICE
- 37. 2002 - 071372 NAVIGATION DEVICE
- 38. 2002 - 048572 POSITION DETECTING SYSTEM AND NAVIGATION SYSTEM
- 39. 2002 - 039780 GUIDANCE APPARATUS
- 40. 2002 - 039779 NAVIGATION SYSTEM
- 41. 2002 - 009963 COMMUNICATION SYSTEM DEVICE AND COMMUNICATION SYSTEM
- 42. 2002 - 007459 NETWORK NAVIGATION AGENT SYSTEM, NAVIGATION METHOD AND INTERMEDIATION SERVICE PROVIDING METHOD
- 43. 2001 - 347066 QUIZ GAME DEVICE AND NAVIGATION SYSTEM WITH QUIZ GAME FUNCTION
- 44. 2001 - 344688 VISUALLY HANDICAPPED PERSON HELPING SYSTEM
- 45. 2001 - 331407 METHOD FOR CONVERTING WEB PAGE ACCESSIBLE, METHOD FOR USING INTELLIGENT AGENT PROCESS FOR AUTOMATICALLY CONVERTING WEB PAGE ACCESSIBLE BY USER, VOICE BROWSER AND CONVERSION SYSTEM, AND METHOD FOR PREPARING MASK CUSTOMIZED BY END USER ON WEB PAGE
- 46. 2001 - 331195 ONBOARD APPARATUS, CAR NAVIGATION SYSTEM AND MONITOR DEVICE
- 47. 2001 - 306089 VOICE PROCESSOR AND NAVIGATION DEVICE
- 48. 2001 - 296882 NAVIGATION SYSTEM
- 49. 2001 - 289661 NAVIGATOR
- 50. 2001 - 282287 VOICE RECOGNITION DEVICE

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No.	Publication No.	Title
1.	<u>2002 - 372986</u>	VOICE RECOGNIZING DEVICE AND NAVIGATION SYSTEM
2.	<u>2002 - 340598</u>	NAVIGATION SYSTEM, SPEECH-PROVIDING METHOD, AND PROGRAM
3.	<u>2002 - 310704</u>	MOVING BODY NAVIGATION SYSTEM AND METHOD THEREFOR
4.	<u>2002 - 233663</u>	GAME SYSTEM
5.	<u>2002 - 202147</u>	AUTOMOBILE NAVIGATION SYSTEM
6.	<u>2002 - 183160</u>	SYSTEM AND METHOD FOR PROVIDING INFORMATION AND RECORDING MEDIUM WITH RECORDED INFORMATION PROVIDING PROGRAM
7.	<u>2002 - 156231</u>	NAVIGATION SYSTEM
8.	<u>2002 - 039779</u>	NAVIGATION SYSTEM
9.	<u>2001 - 317956</u>	NAVIGATION APPARATUS AND RECORDING MEDIUM
10.	<u>2001 - 215988</u>	ON-VEHICLE NAVIGATION SYSTEM
11.	<u>2001 - 141494</u>	ON-VEHICLE NAVIGATION SYSTEM
12.	<u>2000 - 347681</u>	REGENERATION METHOD FOR VOICE CONTROL SYSTEM UTILIZING VOICE SYNTHESIS OF TEXT BASE
13.	<u>2000 - 304557</u>	CAR NAVIGATION SYSTEM
14.	<u>2000 - 188795</u>	MICROPHONE DEVICE AND VOICE RECOGNITION DEVICE USING SAME, CAR NAVIGATION SYSTEM AND AUTOMATIC DRIVING SYSTEM FOR AUTOMOBILE
15.	<u>2000 - 099531</u>	INFORMATION PROCESSOR
16.	<u>2000 - 075991</u>	INFORMATION INPUT DEVICE
17.	<u>2000 - 059843</u>	POSITION INFORMATION RECORDING SYSTEM, RECORDING MEDIUM READ BY COMPUTER

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		AND MOBILE TERMINAL
18.	<u>2000 - 041108</u>	VOICE PROCESSING SYSTEM, OPERATING METHOD AND VOICE PROCESSING COMPOSITE
19.	<u>2000 - 030194</u>	DRIVING MANAGEMENT SYSTEM
20.	<u>11 - 327590(1999)</u>	VOICE INPUT DEVICE
21.	<u>11 - 327580(1999)</u>	VOICE SYNTHESIZER FOR NAVIGATION SYSTEM
22.	<u>11 - 237855(1999)</u>	GUIDANCE DISPLAY SYSTEM
23.	<u>11 - 208074(1999)</u>	PRINTER
24.	<u>11 - 125533(1999)</u>	DEVICE AND METHOD FOR NAVIGATION
25.	<u>11 - 032396(1999)</u>	CAR NAVIGATION ACOUSTIC REPRODUCTION DEVICE
26.	<u>10 - 336159(1998)</u>	FREQUENCY DIVERSITY SYSTEM, ITS TRANSMITTING DEVICE AND ITS RECEIVING DEVICE
27.	<u>10 - 307039(1998)</u>	INFORMATION INPUT DEVICE IN INFORMATION RETRIEVAL DEVICE AND NAVIGATOR AND INFORMATION RETRIEVAL METHOD AND COMPUTER-READABLE RECORD WHEREIN INFORMATION-INPUT CONTROL PROGRAM IN THE NAVIGATOR IS RECORDED
28.	<u>10 - 297446(1998)</u>	INFORMATION PROVIDING SYSTEM AND INFORMATION PROVIDING CENTER
29.	<u>10 - 258689(1998)</u>	AUDIO RECOGNITION DEVICE FOR VEHICLE
30.	<u>10 - 253378(1998)</u>	VOICE RECOGNITION METHOD AND APPARATUS FOR IMPLEMENTING THE SAME
31.	<u>10 - 228294(1998)</u>	VOICE SYNTHESIZER
32.	<u>10 - 187030(1998)</u>	RECORDING MEDIUM
33.	<u>10 - 179666(1998)</u>	WALKER GUIDING METHOD AND DEVICE THEREFOR
34.	<u>10 - 141977(1998)</u>	NAVIGATION SYSTEM
35.	<u>10 - 097281(1998)</u>	SPEECH RECOGNITION SYSTEM AND NAVIGATOR
36.	<u>10 - 039750(1998)</u>	ELECTRONIC MAP DISPLAY DEVICE AND NAVIGATION DEVICE

37. 10 - 011084(1998) VOICE INPUT DEVICE FOR ON-VEHICLE NAVIGATION SYSTEM
38. 10 - 003254(1998) VEHICLE ROUTE GUIDING DEVICE
39. 09 - 253621(1997) MAINTENANCE WORK SUPPORTING SYSTEM FOR WATER TREATMENT FACILITY
40. 09 - 126796(1997) ON-VEHICLE NAVIGATION DEVICE
41. 09 - 102922(1997) RECORDING AND REPRODUCING DEVICE
42. 09 - 042988(1997) ON-VEHICLE MAP DISPLAY
43. 09 - 005089(1997) NAVIGATOR AND METHOD FOR DEALING WITH IMAGE
44. 08 - 320697(1996) SPEECH RECOGNITION DEVICE
45. 08 - 292786(1996) VOICE SYNTHESIZER
46. 08 - 241492(1996) TRAFFIC LANE BRANCH GUIDE DEVICE
47. 08 - 219798(1996) NAVIGATION SYSTEM
48. 08 - 219797(1996) INFORMATION DISPLAY DEVICE FOR VEHICLE
49. 08 - 161690(1996) INFORMATION TRANSMITTER FOR AUTOMOBILE AND ON-VEHICLE INFORMATION  
RECEIVER
50. 08 - 123473(1996) PHONEME LABELING DEVICE

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No.	Publication No.	Title
51.	<u>07 - 311044(1995)</u>	NAVIGATION SYSTEM
52.	<u>07 - 095256(1995)</u>	SIMULTANEOUS TRANSMISSION METHOD FOR VOICE AND DATA
53.	<u>07 - 050701(1995)</u>	SIMULTANEOUS TRANSMISSION METHOD OF VOICE SIGNAL AND DATA SIGNAL AND DEVICE THEREFOR
54.	<u>06 - 324137(1994)</u>	INFORMATION TRANSMITTING DEVICE
55.	<u>06 - 250692(1994)</u>	METHOD AND DEVICE FOR SYNTHESIS PARAMETER TRANSFORMATION
56.	<u>04 - 181826(1992)</u>	RADIO COMMUNICATION SYSTEM
57.	<u>04 - 004628(1992)</u>	DIGITAL BRANCHING AND INSERTING DEVICE
58.	<u>01 - 188986(1989)</u>	DATA MAPPING INPUT DEVICE FOR IMAGE DATA
59.	<u>01 - 179282(1989)</u>	DIGITAL RECORDING SYSTEM FOR VOICE SIGNAL
60.	<u>01 - 141314(1989)</u>	ON-VEHICLE NAVIGATOR DEVICE
61.	<u>64 - 019500(1989)</u>	VOICE INFORMATION EQUIPMENT FOR VEHICLE
62.	<u>62 - 226761(1987)</u>	COMMUNICATION EQUIPMENT

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